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MONTANA OIL AND GAS STATISTICAL BULLETIN

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HELENA, MONTANA 59601

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15 POLY DRIVE
BILLINGS, MONTANA 59101

JOHN HUGHES, GEOLOGIST
15 POLY DRIVE
BILLINGS, MONTANA 59101

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BOARD OF OIL AND GAS CONSERVATION
SAVINGS BLDG.
HELENA, MONTANA 59601

Vol. XXIV, No. 11 — NOVEMBER, 1975

Production of crude oil and condensate from the oil and gas areas of Montana for the month of November, 1975, averaged 89,788 barrels daily, an increase of 158 barrels from the average 89,630 production in October.

The seven refineries in the state processed 139,381 barrels of crude oil daily for the month of November 1975, an increase of 21,010 barrels from the 118,371 barrels processed daily during the month of October.

During November 63 wells were completed, 7 oil, 12 gas, and 44 dry holes.

During November the Board issued 72 permits to drill new wells, a decrease of 21 from the 93 permits issued during October.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC. IN MONTANA

MONTH OF NOVEMBER, 1975

IN STORAGE NOVEMBER 1st	
By Producers	335,834
By Transporters	1,312,271
By Refiners	1,102,136
TOTAL STORAGE	2,750,241
Produced in Montana During Month	2,693,653
Imported During Month	3,388,190
TOTAL	8,832,084
DISPOSITION:	
Refined in Montana	4,181,419
Exported	2,285,656
Used for Fuel or Lost	3,095
TOTAL	6,470,170
IN STORAGE NOVEMBER 30th	
By Producers	361,166
By Transporters	1,232,755
By Refiners	767,993
TOTAL STORAGE	2,361,914

NATURAL AND ASSOCIATED GAS WITHDRAWALS IN MONTANA

Month of November, 1975

Field	M. C. Ft.
NATURAL:	
Big Coulee	150,033
Black Coulee	8,479
Blackjack	31,027
Bowdoin	465,619
Bowes	95,310
Brown's Coulee	3,837
Cedar Creek	158,646
Canadian Coulee	68,397
Coal Coulee	26,625
Cut Bank (including Reagan)	423,882
Dry Creek	60,588
Ethridge	8,420
Flat Coulee	18,527
Gold Butte	— 0 —
Hardin	1,800
Keith Block	104,760
Kevin Sunburst	55,922
Kicking Horse	35,081
Lake Basin	69,036
Liscom Creek	20,993
Middle Butte	1,778
Mt. Lilly	25,843
North Clark Fork	2,306
Plevna	4,879
Pumpkin Coulee	91,871
Rapelje	68,157
Sherard	161,890
Strawberry Creek	15,778
South Clark Fork	— 0 —
South Devon	15,341
Tiger Ridge	1,424,974
Timber Creek	— 0 —
Trail Creek	12,145
Utopia	44,542
West Butte	63,923
Whitlash	77,110
ASSOCIATED:	
Bell Creek	9,000
Cabin Creek	49,033
Elk Basin	16,632
Fairview	34,969
Glendive	800
Pine	37,501
Richland	47,236
Tule Creek	10,526
TOTAL	4,023,216

Total withdrawals for November were 4,090,974 MCF.

HELENA, MONTANA

PRODUCERS REPORT — MONTH OF NOVEMBER, 1975

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	499	712		569		642
1	Balnville	1	2,124	285				2,409
2	Bannatyne	2		416	416			
4	Bear's Den	5	1,336	655	830			1,161
14	Bell Creek	192	14,761	686,797	685,330		120	16,108
	Benrud		223					223
3	Benrud East	3	1,541	10,043		9,574		2,010
1	Benrud Northeast	1	512	1,512		1,106		918
1	Berthelote	1	425	134	215			344
3	Big Muddy	3	1,089	30,621	28,166			3,544
5	Big Wall	14	1,234	5,413	5,902			745
5	Blackfoot	6	1,015	1,324	1,441			898
3	Border	7	2,520	2,456		2,215		2,761
1	Bowes	52	4,028	14,351	10,063			8,316
1	Bradley	1	296	451	412			334
2	Brady	2		251	251			
4	Brorson-Madison	4	1,516	2,788		2,688		1,616
5	Brorson-Red River	5	6,249	4,568		4,869	230	5,718
3	Brorson-Red River South	3	1,859	5,967		5,656		2,170
5	Brush Lake	5	1,283	10,207	9,654			1,836
1	Burns Creek	1	431	904		825		510
2	Cabin Creek	83		162,731	162,731			
1	Canal	1	540	1,681		1,763		458
9	Cat Creek	39	2,491	9,988	9,951		186	2,342
	Chelsea Creek		207					207
	Clark's Fork		11					11
1	Clark's Fork North	1	478	200		200		478
1	Clark's Fork South	1	1,253	689	1,043			899
1	Conrad South	1		203	203			
2	Cow Creek	2	389	550		532		407
5	Cow Creek East	6	593	13,278		13,147		724
2	Culbertson	2	1,322	8,046		7,269		2,099
10	Cupton	11	5,653	12,225	9,383	452		8,043
137	Cut Bank	889	57,389	190,942	173,928	16,789	705	56,909
1	Dean Dome	1	65	488				553
1	Deer Creek	1	262	919	478			703
	Delphia		88					88
	Devil's Basin		464					464
2	Dwyer	10	4,470	10,457	11,070			3,857
3	Elk Basin	3	615	91,850	91,819			646
5	Elk Basin Northwest	11	1,992	3,326	3,586			1,732
4	Fairview	8	7,083	33,525	18,720	13,802		8,086
2	Fertile Prairie	2	768	1,306		1,189		885
4	Flat Coulee	20	2,314	10,392	10,290			2,416
27	Flat Lake	51	2,269	53,432	51,444			4,257
3	Flat Lake South	3	796	2,008	1,880			924
1	Ft. Gilbert	2	582	6,161	6,498			245
1	Four Mile Creek	1		883	883			
1	Frannie	1		660	660			
12	Fred & George Creek	26	2,699	42,809	42,625			2,883
1	Froid South	1	527	570		420		677
1	Gage	1	82	81				163
3	Gas City	3	4,252	19,262	18,861			4,653
1	Girard	1	1,173	698		606		1,265
9	Glendive	11	2,926	10,614	10,307			3,233
15	Goose Lake	31	4,094	27,855	27,420			4,529
12	Graben Coulee	32	7,918	5,266	2,570	2,594	9	8,011
2	Gumbo Ridge	3	1,405	14,284		12,694		2,995
5	Gypsy Basin	7	829	1,925		1,233		1,521
1	Hay Creek-Mission Canyon	1	164	709	681			192
1	Hay Creek-Red River	1	363	1,356	1,351			368
1	Hibbard	1	475	321		188		608
4	Hiawatha	4	2,175	4,231	3,996		9	2,401
1	Howard Coulee	1	620	557	761			416
4	Ivanhoe	9	1,370	2,925	2,714			1,581
2	Jim Coulee	18	3,561	53,286	53,221		(461)	4,087
5	Keg Coulee	21	3,852	9,996	10,281		32	3,535
2	Keg Coulee North	2	602	1,509	1,344			767
1	Kelley	3	1,219	5,399	5,545			1,073
80	Kevin Sunburst	430	12,028	29,503	27,288	1,589	(6)	12,660
1	Laird Creek	11	894	1,714		1,330		1,278
2	Landslide Butte	2	1,011	297	208			1,100
3	Leary	3	1,610	2,869		2,466	4	2,009
2	Little Beaver	24	26	32,414	32,433			7
2	Little Beaver East*	9	1,982	10,499	11,576			905
9	Little Wall Creek**	10	4,346	36,652	37,224			3,774
1	Lodge Grass	1	918	669		1,225		362
2	Lone Butte	2	1,245	5,418		5,066		1,597
7	Lonetree Creek	7	4,695	17,410		17,150		4,955
3	Lookout Butte (Coral Creek)	29	479	48,797	48,798			478
2	Mason Lake	2	376	474	731			119
2	Melstone	3	494	1,521	1,359			656
1	Mineral Bench	1	119	238				357
2	Miners Coulee	2		922		922		
7	Monarch	11	1,906	8,659	5,937	2,156		2,472
2	Mosser	2		386		386		
1	Nohly	2	1,220	9,569		10,054		735
3	Otis Creek	3	1,534	3,873		3,289		2,118
6	Outlook	8	8,329	17,449	19,698			6,080
1	Outlook South	1		596				596
2	Outlook West	2	1,730	1,436	1,742			1,424
1	Pennel	111		211,812	211,812			
4	Pine	113	18,877	183,966	184,721			18,122
59	Pondera	254	4,804	20,500	20,494		(304)	5,114
9	Poplar	65	7,191	45,387	42,323		362	9,893
2	Poplar Northwest	2	1,741	999	1,459			1,281
1	Prairie Elk	1	553	273				826
1	Pritchard Creek	4	154	692	621			225
2	Putnam	2	638	3,162		3,076		724
4	Rabbit Hills	4	924	6,222		5,715		1,431
12	Ragged Point	23	5,901	16,123	15,600			6,424
2	Rattlesnake Coulee	2	731	140		197		674
6	Raymond	7	1,896	19,662	19,230			2,328
2	Northeast Raymond	2	814	4,586	4,352			1,048
3	Reagan	53	795	10,533	10,438			890
1	Red Creek	19		10,240	10,240			
1	Red Fox	1	255	513	441			327
1	Redstone	1	264	1,144	907			501
1	Repeat	1	400	1,096		696		800
3	Reserve	4	2,155	2,166	1,946			2,375
1	Richey	1	507	808		665		650
1	Richey Southwest	5	439	1,022		840		621
2	Riprap Coulee	2	330	2,960	2,194			1,096
3	Rosebud	4	1,155	8,298	7,731			1,722
1	Rush Mountain	1	246	2,173	1,782			637
2	Salt Lake	3	365	2,573		2,461		477
1	Sand Creek	1	914	1	415			500
2	Second Creek	2	1,297	5,522		5,850		969
2	Sheepherder	2	405	704	612			497
8	Sioux Pass	8	5,717	39,812	40,781			4,748
1	Snyder	3	582	600		404		778
8	Soap Creek	16	2,464	3,842	3,111			3,195
1	Spring Lake	2	595	1,552		991		1,086
3	Stensvad	8	3,758	7,650	9,224			2,184
24	Sumatra	97	23,539	189,175	186,233		437	26,044
5	Tule Creek	5	2,596	14,487		14,345		2,738
2	Tule Creek East	2	949	835		862		922
2	Tule Creek South	3	620	1,617		1,182		1,055
2	Vida	2	842	294		695		441
5	Volt	6	3,549	8,987		8,909		3,627
	Wagon Box		335					335
3	Weldon	3	975	3,474	3,192			1,257
1	West Butte	1		664		664		
24	Whitlash	52	9,353	14,149	15,451			8,051
	Whitlash West		284					284
2	Willow Creek North	2	713	1,542	1,547			708
3	Wills Creek South	3	388	2,956	3,220			124
4	Winnett Junction	4	1,010	3,259		2,089		1,280
2	Wolf Springs	2	987	1,322		994		1,315
1	Woodrow	1	449	830	906			373
3	Wright Creek	5	1,381	861	1,332			910
	Wildcat, Fallon Co.		51					51
1	Wildcat, Glacier	1		99		99		
1	Wildcat, Liberty Co.	1	313	31		297		47
	Wildcat, McCone Co.		52					52
1	Wildcat, Roosevelt Co.	1	211	490		216		485
1	Wildcat, Rosebud	1		2,408		1,920		488
	Wildcat, Toole		158	(1473)		(1315)		
755	TOTALS	3,122	335,894	2,603,652	2,468,233	198,765	1,223	361,166

*Montana oil only. **All production from Little Wall Creek South is included.

TRANSPORTERS REPORT — MONTH OF NOVEMBER, 1975

	Storage First of Month	Oil Received By			Loss or Gain	Oil Shipped To			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Western Crude Oil Co.			569				569		
BEAR'S DEN—Truck		830					830		
BELL CREEK—Continental Pipeline	37,181	685,330					481,896	213,540	27,075
BIG WALL—Continental Pipeline Co.		5,902				5,902			
BLACKFOOT—Phillips Petroleum Co.		1,441						1,441	
BORDER—Permian Corp.			2,215					2,215	
BOWES—Texaco		10,063					10,063		
BRORSON-MADISON, BRORSON-RED RIVER & BRORSON-RED RIVER SOUTH—Koch Oil Co.			13,213					13,213	
BRUSH LAKE—Portal Pipeline Co.		9,654					9,654		
BURNS CREEK—Western Crude Oil, Inc.			825				825		
CABIN CREEK & OTHERS[1]—									
Butte Pipeline Co.	266,600	356,573	29,807	1,231,681			1,611,878		272,783
Shell Pipeline Co.	3,919	45,664			288			43,118	6,177
	270,519	402,237	29,807	1,231,681	288		1,611,878	43,118	278,960
CANAL—Koch Oil Co.			1,763				1,763		
CAT CREEK—Continental Pipeline Co.		9,921				9,921			
CLARK'S FORK & CLARK'S FORK SOUTH—Permian Corp.			200				200		
COW CREEK & COW CREEK EAST—Western Crude Oil, Inc.			13,679				13,679		
CUT BANK—									
Continental Pipeline Co.		250,511	6,793					257,304	
Phillips Petroleum Co.	76,270	71,940		73,986	1,098	160,952			60,146
Texas Pipeline Co.	17,136	21,270		61,575		83,371			16,610
Union Oil Co.	29,956	40,337			370	36,235			33,688
Western Oil Trans. Co.		31,213				31,213			
Western Oil Trans. Co. (Moulton)		69,384				69,384			
	123,362	484,655	6,793	135,561	1,468	381,155		257,304	110,444
DWYER—Portal Pipeline Co.		11,070					11,070		
ELK BASIN & ELK BASIN NORTH-WEST—Marathon Pipeline Co.		92,716				92,716			
FAIRVIEW—									
Fairview Pipeline Co.		18,720					18,720		
Koch Oil Co.			13,802				13,802		
		18,720	13,802				32,522		
FLAT COULEE—Phillips Petroleum Co.		9,954				9,954			
FLAT LAKE & FLAT LAKE SOUTH—Portal Pipeline Co.		51,179					51,179		
FT. GILBERT—Fairview Pipeline Co.		6,498					6,498		
FRANNIE—Interstate Pipeline Co.		660					660		
FRED & GEORGE CREEK—Phillips Petroleum Co.	16,944	42,500			793	39,505			19,146
GIRARD—Koch Oil Co.			606				606		
GLENDIVE, DEER CREEK, WOOD-ROW & SAND CREEK—Texas Pipeline Co.	188	21,442			(385)			18,483	3,532
GOOSE LAKE—Portal Pipeline Co.		21,989					21,989		
GUMBO RIDGE—Permian Corp.			12,694					12,694	
HAY CREEK—Fairview Pipeline Co.		2,032					2,032		
HIAWATHA—Continental Pipeline Co.		3,996					3,996		
IVANHOE—Continental Pipeline Co.		2,714				2,714			
JIM COULEE—Continental Pipeline Co.		53,221						53,221	
KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co.		11,625				11,625			
KELLY—Continental Pipeline Co.		5,545				5,545			
KEVIN SUNBURST—									
Big West Oil Co.	6,415	13,266				13,364			6,317
Homestake Oil & Gas Co.	2,927	4,307				5,826			1,408
Texas Pipeline Co.	11,974	10,740				10,060			12,654
Northern Montana Oil Service	2,528	23,666				24,700			1,494
	23,844	51,979				53,950			21,873
LEARY—Permian Corp.			2,466				2,466		
LODGE GRASS—Permian Corp.			1,225			1,225			
LONE TREE CREEK—Koch Oil Co.			17,150					17,150	
MASON LAKE—Continental Pipeline Co.		731				731			
MELSTONE—Continental Pipeline Co.		1,359				1,359			
MIDDLE WALL—Continental Pipeline Co.[2]		22,361					22,361		
MOSSER—Permian Corp.			386				386		
NOHLY—Koch Oil Co.			10,054				10,054		
OTIS CREEK—Western Crude Oil Co.			3,289				3,289		
OUTLOOK, OUTLOOK SOUTH & OUTLOOK WEST—Portal Pipeline Co.		21,440						21,440	
PONDERA—Phillips Petroleum Co.	34,591	22,972			222	32,390			24,951
POPLAR, RED FOX, REDSONE—East Poplar Gathering System	9,642	38,516			23			34,627[3]	13,508
PUTNAM—Western Crude Oil Co.			3,076				3,076		
RABBIT HILLS—Koch Oil Co.			5,715				5,715		
RAGGED POINT—Continental Pipeline Co.		15,600				13,665	1,935		
RAYMOND—Portal Pipeline Co.		23,582					23,582		
RED CREEK—Western Oil Transportation Co.		14,395						14,395	
RESERVE—Portal Pipeline Co.		1,947					1,947		
RIPRAP COULEE—Portal Pipeline Co.		2,194						2,194	
ROSEBUD—Continental Pipeline Co.		7,731				7,731			
RUSH MOUNTAIN—Sinclair Ref. Co.		1,782					1,782		
SALT LAKE—Koch Oil Co.			2,461				2,461		
SECOND CREEK—Koch Oil Co.			5,850				5,850		
SHEEPHERDER—Continental Pipeline Co.		612						612	
SIOUX PASS—Continental Pipeline Co.		40,781					40,781		
SNYDER—Permian Corp.			404			404			
SPRING LAKE—Koch Oil Co.			991				991		
SUMATRA & STENSVAD—Continental Pipeline Co.	790,707	205,530		2,038,450	(637)	164,364		2,142,516	728,444
TULE CREEK, BENRUD, VOLT & OTHERS[4]—Tesoro Petroleum,	5,293		43,150			43,621			4,822
Permian Corp.			1,182			1,182			
	5,293		44,332			44,803			4,822
WHITLASH & WHITLASH WEST—Phillips Petroleum Co.		15,451				15,451			
WINNETT JUNCTION—Truck			2,989			2,989			
WOLF SPRINGS—Permian Corp.			994			994			
WILDCAT WELLS—Truck			1,217					1,217	
TOTAL	1,312,271	2,454,857	198,765	3,405,692	1,772	899,093	2,388,585	2,849,380	1,232,755

[1]Cabin Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Vida, Weldon and Wills Creek South.
[2]Little Wall Creek and Willow Creek North.
[3]Transferred to Butte Pipeline Co.
[4]Benrud, Benrud East, Benrud Northeast, Culbertson, Froid, Four Buttes, Tule Creek, Tule Creek East, Richey Southwest and Volt.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF NOVEMBER, 1975

	Big West Oil Co.	Continental Oil Co.	Exxon Co.	Farmers Union	Phillips Petr. Co.	Tesoro Petr. Co.	Westco Refining Co.	Total
Big Wall	.....	5,902	.....	.....	.....	.....	.....	5,902
Cat Creek	.....	2,445	.....	7,476	.....	.....	.....	9,921
Cut Bank	22,458	.....	.....	.....	110,119	.....	84,568	217,145
Elk Basin	.....	38,102	29,251	27,499	.....	.....	.....	94,852
Flat Coulee	.....	.....	.....	.....	.....	.....	9,954	9,954
Fred and George Creek	39,505	.....	.....	.....	.....	.....	.....	39,505
Ivanhoe	.....	2,714	.....	.....	.....	.....	.....	2,714
Keg Coulee	.....	8,398	1,820	1,407	.....	.....	.....	11,625
Kelley	.....	.....	5,545	.....	.....	.....	.....	5,545
Kevin Sunburst	53,950	.....	.....	.....	.....	.....	.....	53,950
Lodge Grass	.....	1,225	.....	.....	.....	.....	.....	1,225
Mason Lake	.....	731	.....	.....	.....	.....	.....	731
Melstone	.....	.....	.....	1,359	.....	.....	.....	1,359
Pondera	.....	.....	.....	.....	21,965	.....	.....	21,965
Ragged Point	.....	13,665	.....	.....	.....	.....	.....	13,665
Rosebud	.....	7,731	.....	.....	.....	.....	.....	7,731
Richey Southwest	.....	.....	.....	.....	.....	1,535	.....	1,535
Snyder	.....	404	.....	.....	.....	.....	.....	404
Sumatra and Stensvad	.....	67,012	39,615	88,128	.....	.....	.....	194,755
Tule Creek and Others	.....	.....	.....	.....	.....	48,480	.....	48,480
Whitlash	.....	.....	.....	.....	31,168	.....	.....	31,168
Winnett Junction	.....	.....	.....	2,989	.....	.....	.....	2,989
Wolf Springs	.....	.....	994	.....	.....	.....	.....	994
Volt	.....	.....	.....	.....	.....	15,115	.....	15.115
TOTAL Montana Oil	115,913	148,329	77,225	128,858	163,252	65,130	94,522	793,229
Canadian Oil Imported	.....	792,484	454,416	355,162	31,080	.....	.....	1,633,142
Wyoming Oil Imported	.....	559,300	695,666	500,082	.....	.....	.....	1,755,048
TOTAL Montana, Canadian and Wyoming Oil	115,913	1,500,113	1,227,307	984,102	194,332	65,130	94,522	4,181,419

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1974	25,537	44,487	61,627	131,651
November, 1974	25,947	52,886	65,243	144,076
November, 1975	26,441	54,438	58,502	139,381

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
19.40%	33.79%	46.81%
18.01%	36.71%	45.28%
18.97%	39.06%	41.97%

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1974	34,553,962	94,668	34,265,502	93,878
First Quarter, 1975	8,169,636	90,774	7,913,410	87,927
Second Quarter, 1975	8,150,516	89,566	8,171,304	89,795
Third Quarter, 1975	8,276,620	89,963	8,257,064	89,751
October, 1975	2,778,522	89,630	2,784,186	89,812
November, 1975	2,693,653	89,788	2,666,998	88,900

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil In Storage**
December, 1974	320,904	1,434,832	1,108,688	2,864,424
March, 1975	356,347	1,307,754	994,028	2,658,129
June, 1975	330,576	1,315,740	1,295,863	2,942,179
September, 1975	343,556	1,296,846	1,040,834	2,681,236
October, 1975	335,834	1,312,271	1,102,136	2,750,241
November, 1975	361,166	1,232,755	767,993	2,361,914

*Montana Oil only **Includes Wyoming Oil